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Of the yellow fever - 77  
Bilious remittent 79 Febricula 80  
Cholera morbus 80  
Dysentery & Dysenterica 91  
Intermittents. 91

✓ It prevailed in Virginia in 1737. & 1741  
chiefly in winter & spring. was bro't  
from ~~Banboo~~ West Indies by the King's  
Ships. D<sup>r</sup> Mitchell - It is not  
~~so~~ contagious in West Indies. is  
~~and~~ said to have by cold. Bro't one from  
Barbadoes to United<sup>a</sup> in some wearing apparel,  
in the fall & carried off over 300 people.

Of the yellow fever - called also  
the bilious fever. —

It is common in all the West Indian Islands, but affects strangers chiefly in  
ever regions or crude women. <sup>sailors &c</sup> Susceptibility in  
The predisposing causes are fatigue & in-  
-tivation - and above all intemperance.

The customs of the West Indians lead to it.  
Is not contagious in West Indies - But  
Spreads when exported, as happened in  
United from Cloutier's boat from Barbadoes.  
200 died with it. —

For a history of the disease see Dr' Hume  
p: 197. —

"Flushing in the face - <sup>Redness</sup> ~~redness~~ burning  
- & pain in the eyes - oppression at the  
meatidia - sickness at stomach - viso-  
- lent uterings, bilious yellow vomitings -  
great anxiety - w: frequent sighings" are

+ But it is not an invincible symptom.  
Dr Morley. He says those who recover seldom  
have it.

✓ The disease was often cured before it was  
completely formed by an enema & the loss  
of 6 or 8 ounces of blood. Sudorifics were  
likewise now proper, but hurtful after-  
wards - after inflam<sup>n</sup>: had begun in  
the Stomach - bowels & liver which dispositions  
showed always to be present. Dr Mitchell.

Dr Morley says too it was cured by 10:  
or a dose of salts when only forming or  
when "yawning" - stretching &c only attended.

≠ Dr Morley recommends it even when pulse is  
low & faintness attends rises with 10: - & is  
as frequently & copiously as in inflamm fever. He  
calls it an inflamm fever. p: 430 an accidental

characteristic symptoms according to  
Dr. Hillary. —

I have seen it in 1762, & common in those  
histories. There is swelling to the touch abt.  
the precordia. The yellowness appears first  
round the mouth - eyes - temples & neck. The  
worse it appears - the greater danger. It  
generally comes on  $2^{\text{nd}}$  or  $3^{\text{rd}}$  day. If it stays  
to  $4^{\text{th}}$  ~~or~~ <sup>5<sup>th</sup> day is favourable. —</sup>

Hemorrhages - unfavourable - most so  
from the Anus. stools like molasses unfavourable.  
also ~~a sudden desire to discharge them~~  
small boils or carbuncles breaking out  
on the breast - sides - shoulders - or ribs prove  
critical. Favourable also near the Blisters.

An eruption of clusters of pimpls like  
the measles on the pit of the stomach  
favourable. Dr. Horne & Dr. Cheney. also  
yellowness not before the  $4^{\text{th}}$  or  $5^{\text{th}}$  day.  
Cure  $\frac{1}{2}$  stage. ✓

1 Bleeding - Dr. Horne & Dr. Hillary agree in  
this remedy. Case of a man in 1762. ♀

opening of a vein after vs. & a profusion of blood in the  
bed was caused. p. 231.

V Dr Balfour supposes the yellow color  
owing to a defect of early evacuations.

V: During the present autumn, <sup>1790</sup> all our  
Remittents have required Bleeding, & the  
<sup>bleeding</sup> in all cases <sup>has been</sup> very. In some cases the  
vs. has been repeated two or three times. The  
liver was much affected in most of them,  
and the disease ~~was~~ often put on all the  
symptoms of Hepatitis, but was distinguished  
from it by coming on or going off with sym-  
ptoms of intermitting or remitting fever.  
One case only terminated in Abscess after  
five bleedings, but it has ended favorably.  
The inflam<sup>n</sup> disposition in our extremal  
fever was lost on by our cool summer.

2 purging. 3 Salplaster V 79  
3 cool lin. 4 cold drinks - Dr Horne speaks  
highly of them. <sup>In July 1811 water used in biting</sup>  
<sup>burns.</sup> ~~Coca root liquor agreeable.~~  
5 Blisters to the thighs. 6 Bark of Sassafras  
~~in port wine - if vomited improper.~~ no  
crisis was from it. - mostly p: 4: 34  
~~use Glysteria -~~ Vomiting to be checked by,  
~~Bitters, especially Columbia root~~ after cocoa milk - Remains  
mixture according to Dr Bradenby. 6 Sassafras tea.  
Seldom proper - Opiates hurtful. Toment <sup>no</sup>  
useful to the Homœop. -  
2nd Stage -

All the remedies before mentioned. His-  
-ough - alumina lign. Oil of amber and it. &c  
Bilious remittent

Common all over the World. See Pringle -  
Cleghorn - Monroe &c. Common in this  
city. The description in the Volume of  
Spays a picture of it here. <sup>see</sup> Dr Cullen's Varieties  
of it under the head of Intermittents.

Remedies - 1 Vat: 2 V.

2 vials of Gent: - if forbidden by  
prejudice - pregnancy - or hematuria  
then 3 purges. 4 Blisters 5 Bark. to begin

v Dr Balfour gave from 3 to 5 grains a day  
of opium with the bark. It is always  
safe where the skin is open, and the  
head free of pain. Visual obstructions  
not regarded by him.

Mr Bruce has thrown light on the means  
of preventing these fevers. - These are pepper  
in diet with Rice so much as to inflame the  
throats of people not used to it. Avoiding spirits -  
Broths - and ripe fruit which after being plated  
has been exposed to the sun. - making the chief  
meal at night when the cool air restores the  
tone of the stomach. - Keeping in a smoky  
house. Dr Gilton's hospitals, & Count Saxe's  
remark in favor of earthen floors. -

v I have said that yellow fever. Inflamm' tions  
fever - wild ~~Intermittent~~<sup>Remittent</sup> - Intermittent - Chronic  
fever in ~~the form of~~ its typhoid & typhus types, & febrile  
or inward fevers - are all the offspring of miasma diff'

in the first intermission. If disagrees w<sup>th</sup>  
the stomach - Lk: may be added to it - with  
lime juice. 6 Lk: at bed time - after ful-  
-ness & tension removed from the System.

### Fibrilla

common in this Country <sup>in the Autumn</sup>, & called in  
Maryland "Fever & sweat". Increases at  
night, but not so bad as to confine the  
patient to his bed, or to affect his head-  
or appetite - Sometimes ~~as~~ it is attended  
by Dysentery. I have been baffled for many  
years in attempting to cure it - Bark-Wine  
Remits all tried to no purpose. I have at  
last found <sup>occasional</sup> Blisters & Opium its only  
& most effectual remedies. — ✓

### Cholera morbus

From the causes of this disease - I fear we  
know not what it attacks. I think it probably comes

modified, or more influenced by the Constitution of  
the Atmosphere — I have said they prevail in different  
years singly, or all in the same years in different  
~~persons~~ persons as in 1802 in Philad<sup>e</sup>. I now add that  
that two or more forms of them sometimes  
appear in the same persons, & sometimes all  
these forms in the same person. Both have often  
occurred in the course of my practice &c in 1802.

I have thus given a general Acc<sup>r</sup> of the eleven.

✓ It differs from fever in the  
convulsion being transferred from  
the arterial system, to the alim.  
canal. —

○ primary states of fever. All the other  
forms of fever will be included in them.  
You are not to expect to find them <sup>uniform</sup>  
according to their names. & you will find  
Intemperie fever & malignant combined, & even  
the febricula & malignant in the same  
person. This is the case in the walking  
states of yellow fever. Again you will

in ~~after~~ <sup>with</sup> autumnal fevers. It occurs in July & August - just ~~at~~ <sup>of the preceding winter</sup> the influence of the cold weather has ceased on the system. Its most frequent cause - cool, or damp air after a warm day - & generally occurs in the night - one knows it in a thunder gust - but seldom unless the windows are left open - The air is probably impregnated w<sup>th</sup> effluvia - or if not the ability induced by the cold air during the extreme heat of the body, produces unequal destruction - and of course <sup>irrigating</sup> excess of action in the alimentary canal. But acid substances & even summer fruit evoking an excess of acid have the same effect - yes - but they support our proximate cause - & then that the remote causes of fever act on the alimentary canal as well as on other parts of the body. It is attended with great

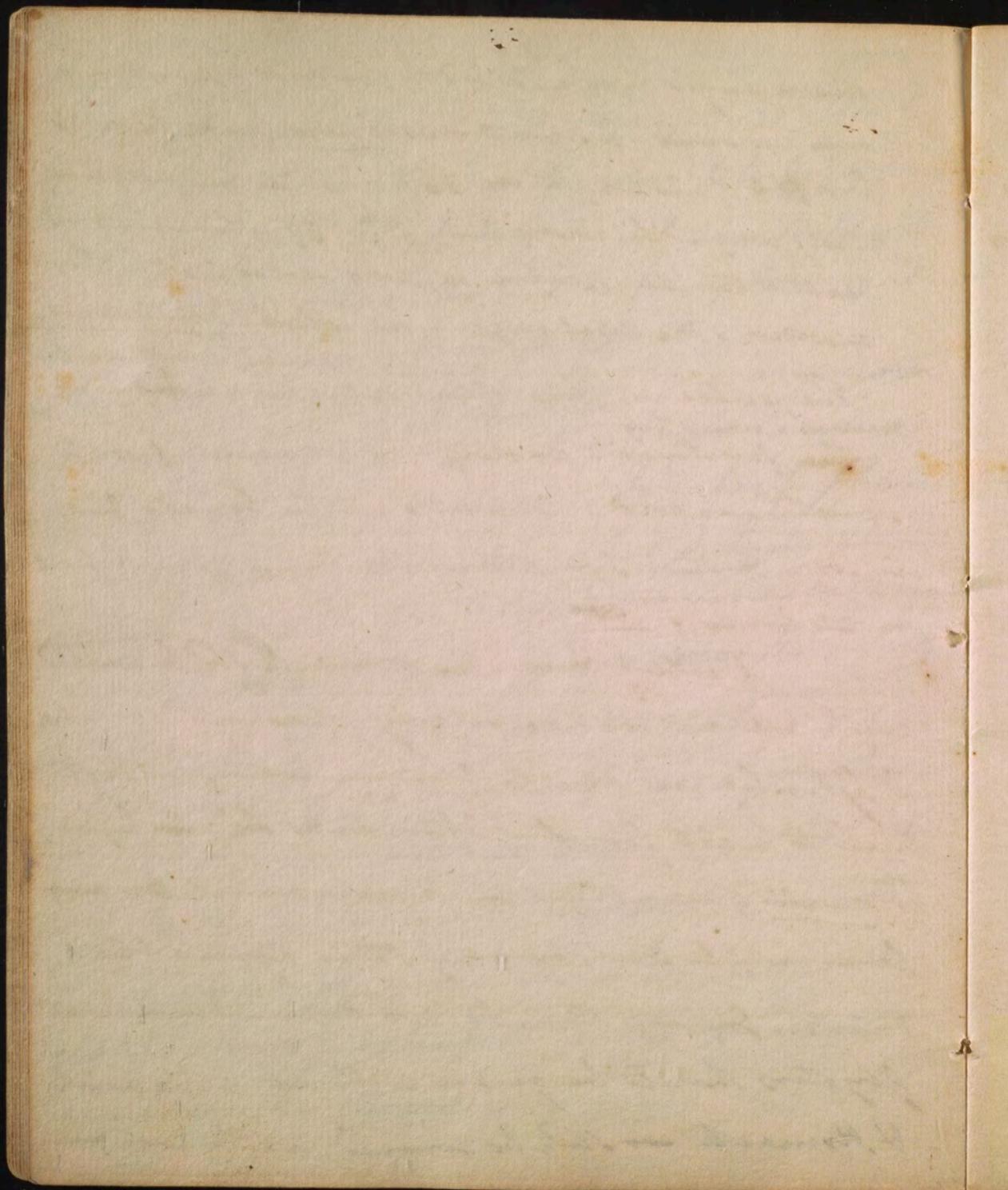
met with typhoid & typhus combined with  
Syringa in plurisy. All this should teach  
us to forget the names of fevers & to be governed  
only by their symptoms. It should teach  
us further, that ~~he~~ in ~~a~~ living delivered

v. ~~Habirregular acts~~  
from the borders of nosology, we are not  
delivered from labor <sup>& solicitude</sup> in the treatment of  
fevers. On the contrary, the facts I have  
had before you for I deny that ~~I have believed~~  
~~a single theory in the history & transmutations~~  
~~of fever) ~~with~~ imposes upon ~~you~~ us~~ the necessity  
not only of visiting our patients very  
often, but of examining their symptoms  
with the same care, at each visit, that  
we do, the first time we see them; as  
every day, nay more every morning &  
evening may exhibit to us a new  
form of the disease.

discharge upwards & downwards - sometimes only upwards - & sometimes downwards. Col. Miles lost ~~the~~ <sup>8</sup> of his weight in 36 hours. He had accidentally weighed himself July 5<sup>th</sup> 1789 when in good health two days before he was seized with this disorder. His discharge was wholly downwards.

- The pulse in this disease is weak & quick - small and irregular - nausea - vomiting - ~~the~~ faintings - anxiety - heart burn - sweats sometimes cold - Cramps in the bowels & limbs. If these symptoms continue persons fatal in 24 hours. —

If called soon - The Stomach shd be washed with warm water, or any pleasant drink. Dr. Johnham directs Chicken water - not time to wait for it. Afterwards Lk: is given in small quantities in peppermint or any Camomile tea, or any other agreeable drink. Increase them to 200 drps - Demulcent Olysters should be given with Lk: - The bowels & Stomach ~~can~~ shd be covered with warm



plasters - venice treacle last - ~~spice~~ warm  
 spirits. Vomiting sometimes restrained by  
 toasted oatmeal dissolved in water. Thus far  
 the Spontaneous Cholera. - Dr Cullen's 2<sup>nd</sup>  
 species. Accidentalis - from crapsula -  
 from summer fruits - unwholesome aliment.  
 - putrid fish & oysters - birds - whole families often  
 disordered from this cause - The whole College of  
 60 boys once from pigeons that had fed on  
 pokeweed & and poisons as arsenic & bellini's  
 vitriolate. The cure consists in 1 Emanation  
 if the Stomach & Bowels will bear it. This  
 most necessary after crapsula - or hard or  
 unwholesome Aliment - 2 Diuretics espe-  
 cially by the way of Glycer - these are milky  
 Oil - ~~or~~ Wallace's case. 3 Dilution - This lessens  
 activity of all poisons by lessening concentration.  
 4 Destroying lessening the sensibility of the system  
 by opium. Wonderful Recovery! Dr Roberts'  
 fact of arsenic. Mr Wallace's case.

+ Dr Hunter describes an immediate desire  
to go to Stool, to follow drinking or eating to  
be a symptom of Dysentery in Jamaica.

V It is very apt to follow those seasons  
in which the grain is ~~badly~~ damaged  
from any cause, & more apt to affect  
the poor who live on succulent vegetables,  
as potatoes & yams &c than those who  
live on ~~good~~ wholesome grain.

## Dysentery

" A contagious fever - frequent stools - mucous or bloody - costiveness - griping - & tenesmus".<sup>of the patient</sup> Proximate cause - except ordinary action in the Alimentary canal - <sup>or may</sup> Stricture on the Colon. Long dispute whether idiopathic or symptomatic disorder i.e. - whether it depends on a specific contagion, or on the same miasma which produce remitting tertian & intermitting fevers differently modified by the Constitution, <sup>or by the state of the air.</sup> Likewise it occurs in the same season & like them it succeeds long dry, & long moist & afterwards hot weather both of which favour the formation of miasma.

D<sup>r</sup> Sydenham seems to think it depends on specific contagion, & is different from Anteminal fever. He supposes that where

V Sometimes they are driven away altogether,  
or compelled to hide themselves during the  
 prevalence of the reigning epidemic. Thus  
the measles in 1670 & the intermitting fe-  
ver in 1671 banished the small pox, but  
in the beginning of 1672 when those diseases  
had spent themselves, the small pox came  
forward & became the Epidemic.

D<sup>r</sup> yderham.

The plague likewise banished all other diseases.

D<sup>r</sup>

The measles banished the scarlitina angi-  
ossa in the Spring of 1789. It appeared after the  
measles disappeared. The influenza did the same  
in the fall of 1789. Scarlitina returned afterwards. D<sup>r</sup>

several epidemics prevail, there will be  
 some one <sup>of</sup> will predominate over all the  
 others, and incorporate itself with them.  
 A kind of Monarchy seems to prevail in diseases,  
 and none are suffered to come forward <sup>th:</sup>  
 the ~~reigning~~ disorder but such as wear ~~some~~ <sup>its</sup>  
 livery. E.g: The antimeral fevers of 1783  
 were all marked more or less with ~~the~~ some  
 of the symptoms of the Puerperal Anginosa  
 such as pains behind the ears - sore throat  
 & swelling in the hands & feet - for the  
Puerperal Anginosa was the royal disease  
 of this season. The common fevers in Hyden-  
 ham's time partook of the fever of the small  
 pox when that disorder was epidemic.  
 - They were <sup>all</sup> attended with the salivation  
 peculiar to the ~~few~~ variolous fever. In  
 this manner - may not the Dysentery  
 which accompanies intermitting - remitting

Hutcham tells us that in the year 1752 when the Ulcerous sore throat prevailed in Plymouth, fevers of all kinds shewed a disposition to sweat - to eruptions - to sore throat, & even asthma. Even the small pox was attended with dangerous Ulcers in the throat, & difficulty of swallowing. —

Some diseases appear as it were in water colors - while in other ~~other~~ seasons of same disease appear in ~~other~~ worse works -

Mr Bruce says that at Massah at Island in the Red sea, they often change into each other. — Dr Moseley says that he observed the stools ~~so~~ to be most frequent & the symptoms to be most aggravated, when the time when Remittents had their exacerbations. — He also saw the diseases succeed each other. p 199.

Dr Whinside says - it is a Rhinitism thrown in on the bowels. — This Rhinitism

putrid & even inflam<sup>?</sup> symptoms, be  
nothing more than symptoms borrowed  
from an original & idiopathic dysentery.

- and may not the reason why the dysen-  
tary makes its appearance with these fevers  
be owing to the marsh miasma acting not  
as a remote, but an existing cause of a  
contagion previously existing in the body?

- The question is a knotty one - I have believed,  
& disbelieved it to be so an idiopathic dis-  
ease above half a dozen times in the course  
of my life. The decision of it ~~is~~ not very  
important. most of our dysenteries I  
believe are symptomatic. what Hyden-  
ham calls "febris introversa". This differ-  
from its yielding to generally to the  
usual remedies of autumnal fevers.  
~~six~~ <sup>three</sup> ~~four~~ <sup>two</sup> remarks. ✓

1 Dr Hydenham tells us that the

mistaken for the Remitting fever which is attended  
with pain in the bones. - Perhaps it may in  
some cases. I once saw it in Mr. Rich's case.

V. The dysentery contagious - even when chronic.  
of this Dr. Lind relates an instance in a man  
who had it two years. It infected every person  
who used the same privy or close stool with  
him. - The privies Pringle says a great  
source of infection. Is not uniformly  
contagious, - but on a footing with  
Remitt<sup>t</sup> & intermitting fevers. - Deguer  
says the Jews & French people (two old men  
of the latter excepted) all escaped the plague  
which raged at Nineve in 1736. -

Pringle says it not contagious, ~~as if Dr~~  
Sydenham's doctrine be true of its being ~~febris~~  
~~intervallata~~ - for ~~the~~ fevers are not contagious,  
but in this he is mistaken - for remitt<sup>t</sup>.  
& even intermit<sup>t</sup> fevers are often so. —

Idiopathic Dysentery, generally disappears upon the approach of cold weather, but that the Dysenteric fever, or symptomatic dysentery frequently continued during the part, or the whole of the winter. This fact favors the first opinion.

2 In this country, dysentery most common in high situations as Germantown, Chestnut hill - White marsh & Princeton. - Intermittents scarcely known in either of those places - but it is remarkable, that at the same season intermitents always prevail in the countries below them. This favors the idea of its being a symptomatic disorder, ~~& that~~ those high situations are both more dry than the country below them, & the vicissitudes from heat to cold greater in the night. - It is of consequence to inquire how far these two circumstances may favor

3 It is more common & more fatal in  
country places than in towns. Probably  
the difficulty of obtaining help in time may  
be one cause of this, but the generous  
diet of citizens probably tends more  
to fortify the bowels against it, than the  
more temperate & simple diet of country  
people. Last at Jersey College in 1759.  
how or none of the city boys had it.  
It is more common among the negroes  
than the white people according to Dr.  
Hillman in the Island of Barbadoes. It  
is the disease which is generally so  
fatal on board of the ships which  
are employed in the African trade -

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the formation of an original, or favourable complication of a symptomatic disorder.

The history of the disease accurately given by Dr. Cullen - Degner says he never saw it accompanied <sup>th</sup> by a pain in the head. Other writers describe an exenuating pain in the head as one of its most characteristic symptoms.

It is most fatal to old people - women & children - especially the latter. ~~It always~~ <sup>It al-</sup> goes ~~ways~~ tends to death. Few recover without the aid of medicine, & few die who are treated properly ~~in~~ <sup>for</sup> it. ~~Possessing cause - increased action with stricture on the glands~~ As the disease is so much affected by seasons of the year & mixture with other diseases, the treatment must be different according to the season or its complication with other diseases.

1 If Inflamm' diathesis, or great excess of action in the pulse without it - U.S. - seldom impure in our climate, never but once,

mixed with salt diet  
used in moderation tends to prevent it. Dr  
Tiptot used them <sup>in</sup> ~~in~~ Juices in the Case of the  
Dysentery: <sup>in</sup> ~~in~~ Diet with salt diet Many diseases  
in summer prevented by salt diet - none  
more than Dysentery. Count Castiglioni's  
remark on the inhabitants of Marolino.

5 The late excellent Dr Clarkson informed me  
that he had once seen a Dysentery go off in a  
<sup>spontaneous</sup> profuse Salivation.

6 I once saw a Dysentery suddenly terminate in  
✓ instant Ophthalmia & Rheumatism.  
In the West Indies - Salt & lime Juices  
used - but chiefly for negroes - in whom  
there is weakness or defect of Action for  
the beginning. It be used <sup>like</sup> Rhubarb: tost:  
only in the 2<sup>d</sup> Stage here. — also  
Linseed oil - Dr. Jones Jun<sup>r</sup> & the Vinegar  
& molasses in my brother's family. —

- bloody flux - patient died. — One of two  
molasses & vinegar a P & Q in my  
Adults lost by me. — 2 Vomits - To be used  
Brother's family a cure in three cases. Use it of each  
only when great nausea, or evident  
marks of its being febris intermission appear.  
Part: Emetic to be preferred. 3 Purges.  
These should be of the most lenient kind.

Cure: 1 - Salts - Castor oil - Mennit  
Should be used every day - or every  
to be prefer'd. - Salts drastic - & Rhubarb  
other day. - Nauseas & griping. It should never be  
used but toasted - takes off its griping  
& its quality. 4 ~~Glysters~~ <sup>Glysters</sup>. Dr  
~~Opiate~~ <sup>then</sup>

~~5 Opiates~~ <sup>then</sup> Senna & Sydenham highly commends  
particulars. They begin griping milk <sup>too</sup>.  
they <sup>will</sup> be demulcents. Cold water used  
instantly. Sh. be only when there is <sup>operation</sup>.  
5 Opiates - every night - & sometimes  
in the day time also wine. —

6 Diluents - which commended by Dr.  
Sydenham - Flaxseed tea - Rice &  
Barley water - camomile - & mallow  
teas all proper. Cold water used by the  
Pfor with pump: Herring. Demulcents - Serruti Devotions,

✓ Dispositions then inflam<sup>n</sup>: chiefly in  
the lower bowels. -

Dr Jnd Pingle remarks that the disease  
is the same in all climates & yields  
every where to the same remedies. Dr  
Keanley few says he never saw it alike two successive  
years in Ireland. The continuation of Dysentery & jail  
fever he says generally fatal. -

A Strangury sometimes accompanies  
Inflammation. -

A high countenance - with pulse without  
pain - intermitting pulse - hiccups (except  
in the beginning) sore throat, cadaverous  
stools - and squeaking voice all indicate  
less danger and death. An exception  
only to the last symptom - Wm Wishburne.  
It is remarkable patients in the last  
Stage of this disorder pass and in cholera

with Drawings of Thistlehorn & Green  
Arabis - Milk & mutton with  
mutton & milk - Dr.  
Buchan's diet, of boiled flour made into  
porridge & excellent! also Broths of all kinds.  
Senac denied them & gave only diluting & demulcent  
& Blisters - to the bowels or extremities.

I always use them after 5<sup>th</sup> day if the  
disease does not yield to other medicines. They  
are more especially useful in Intervals. -

I Bark - very proper where eruptions  
appear in the morning, or when the  
disease is worse every other day. If sym-  
ptoms of great debility, or profuse Septic  
diarrhoea appear may begin much  
earlier. ~~at~~ 10 emptying privies. V

Dysentery often succeeds Dysentery.

Remedies - port wine - <sup>System of Ipecac</sup> - ~~lime~~ - <sup>water</sup> - generous diet -  
& gentle exercise. Sometimes <sup>tinctures</sup> ~~leeches~~  
& I once saw a case of palsy of the  
~~arms~~ - follow Dysentery.

Dr. Cullen given five varieties.

have a good deal of Strength, & often set up  
or walk about to the last even with their  
livid hands & face. —

+ Whindlays part of purges & salt water  
preventing Dysentery, twice, when epidemic.

Mr Bruce describes a Dysentery which  
begins with a Dyanbœa. "It is rarely cured  
if it begins in the rainy season, but if it  
happens in the sunny six months, or at the  
end of the rainy ones, small doses of Grec<sup>a</sup>  
carry it off, or change it into an Intermittent."  
Administris says Rherbæb purga in infusion  
extract & decoction - in Substance it is more  
Astringent - toasting increases its astringency.  
Moseley p. 313

Willis says in the Dysenteria cruenta of  
1670 no purges - vomits - or vs did good; only  
cordials. See Dr Sayes' Art of Dysentery in remedy.  
in his letter to me.

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1 with worms. 2 sebaceous or fleshy matter.  
3 Intermittent fever. 4 without blood. 5  
with miliary eruption. — all require the  
early treatment. where worms attend  
Sir Dr Pringle gave Calomel with his  
purges.

The Dysentericula like the  
Febricula - does not confine the patient  
to his bed. Cured by Blisters & Bark if  
other medicines prove ineffectual.

Lect:

Of the mild Intermittent state of fever.

"Tenes ferre marsh miasmata, con-  
sisting of different paroxysms return-  
ing at different periods with chills,  
~~& only once in a day~~ generally  
with chills - when without called  
drunk ague. The chill the voice. —

They are quotidian - tertian &

or Varieties

V These compositions are - 1 for the Tertian & a fit  
every other day - the strongest on the 3<sup>rd</sup>: 2 Two fits  
every other day - 3 <sup>Two</sup> fits every <sup>other</sup> day, & one on the  
intermediate day. 4 a fit every day with a greater  
remission between the 3<sup>rd</sup> & the 2<sup>nd</sup> day, than between  
the 2<sup>nd</sup> & the 3<sup>rd</sup>. ~~5 Tertian~~ are only remitting.  
all bilious remittents of Books belong to this  
class.

VI The Quartan - 1 a fit every 4<sup>th</sup> day. 2 Two fits  
on the 4<sup>th</sup> day, & none on others. 3 ~~Two~~ Three fits  
on the fourth day, & none on others. 4 the 3<sup>rd</sup>  
day only free from fever - the same force of fits  
on the 4<sup>th</sup> day. 5 a fit every day - the fits on the  
4<sup>th</sup> day alike.

VII Quintidian - varied by being more or less con-  
tinual - or by ~~being~~ <sup>affecting</sup> a part or  
the whole system, or two fits every day.

Tertian the original type.

turn over - to 93 v

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quartan. ~~Each of which~~ all those compo-  
-sitions of intermittent, mentioned by  
Dr Cullen have been considered more pro-  
-perly under the head of remitting fever.  
They are notwithstanding one disease  
& from the same cause. The intermitting  
fever becomes remitting, only in proportion  
as it is combined with <sup>stimulus.</sup> ~~inflammation & diathesis.~~ The  
less of this, the more <sup>it appears</sup> ~~remains~~ of the inter-  
-mitting type. In quotidian less than remit-  
-ting. In tertian less than quotidian - &  
in quartan less than tertian. Hence we  
find the same fever will run thro' all  
the types of remittent - tertian & quartan  
avoiding to the <sup>quotidian</sup> ~~it~~ diposition of <sup>stimulus</sup> ~~inflammation~~  
~~or exasperation of action in the arterial system,~~  
~~diathesis, or progress of delirium.~~ Hence too  
readily old people most subject to  
the quartan - & hence the greater

v From the end of one fit, to the beginning of another  
= ~~Interruption~~ - From the beginning of one  
fit, to the beginning of another - Interval.

ostinacy of the Quarten, than any other species - it depends upon the lowest degree of <sup>Mredisposing</sup> debility] -

[What is the difference between the debility in intermit<sup>n</sup> fevers & in the typhus? - In the latter - <sup>little</sup> excitability & excitement - In the former - excitability <sup>& excitement are</sup> often in excess - hence the termination of every paroxysm is an intermission. There is <sup>some</sup> a deficit of excitement in both cases a but much greatest in the typhus.] -

[What is the cause of the recurrence of intermittents? Dr Cullen resolves it into habit, & a secret influence of the ~~soft~~ heavenly bodies on our constitutions. Thus into a reproduction of the remote cause in the system - The first hypothetical, the last not true - Intermittents occur in the spring.]

V The same causes operates both on the  
Asterial & nervous system. Dr. Cullen's  
theory is certainly  
a step towards it. There is certainly a  
deep seated  
a disposition in the body & mind to the repetition  
of motions, and ~~these~~ actions. Instances of it  
occur every day. we eat - sleep - discharge  
faeces - Urine from habit at a certain hour.  
~~habits appearance of ideas, something to do with it.~~  
~~Faeces part of the woman & to take stuff.~~  
Perhaps a single impression of w<sup>ch</sup> the mind is  
not conscious may bring on convulsion in  
the Asterial system, as a single shot does  
~~a convolution in the nervous system.~~

I cannot agree w<sup>th</sup> Dr Brown that it is fresh recur-  
rence of debility; It is true all diseases from debility  
have a tendency to paroxysms such as  
asthma - gout - epilepsy &c but we find  
in Intermittent ~~long~~ the less the debility  
the quicker the recurrence of Paroxysm &  
vice versa. - Debility is greatest in the  
Opuntum, & yet it is the most distant in  
the time of its recurrence. -

If the Stimulus of life is admitted,  
it will help us - the quicker <sup>its</sup> the function  
& exertion - the quicker the return of  
Paroxysm, & vice versa - but this theory  
has its difficulties - what has life to do  
w<sup>th</sup> several intermissions - or the few w<sup>th</sup>  
sometimes a salivation -- or the chilly  
fits & fits which occur every evening  
in the Consumption.

All these species <sup>states of fever</sup> are liable to  
appear with symptoms diversified by a complication with

~~Facts of flowers on the same day after 1<sup>o</sup> of  
June every year - also of boys' play - also of  
visiting a patient at the same hour next day  
that he first sent - also same degree of light  
& temperature of air producing aspiration also  
Sleep - exhalation - and a strong emotion putting  
off & fit.~~

<sup>duration of the</sup>  
¶ The tetanic says Dr Thiry vol: 2 p 109 is not  
counted by the days or weeks - but by <sup>months</sup> weeks &  
years in the moist climate of Asturia, ~~it~~ it  
kills not by its violence, but its duration, hours  
here terminate by vom - diarrhea - Alscup - or  
Salivation. Dr Bruce had it ~~16 years~~ It some-  
times protracts itself with intervals for years in our country.  
① Dr Bruce had it ~~16 years~~ off from 16 yrs.  
It is moreover when neglected, or im-  
properly treated, the cause of many  
chronic and fatal diseases. But what  
adds most to its importance it is the  
original form of all fevers. It becomes  
us therefore to study its nature & remedies with  
as much care as the disease supposed to be  
of a more fatal nature.

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Dysentery - <sup>of</sup> Other diseases with Convulsions &c capo-  
plexy - <sup>th</sup> Convulsions - <sup>Maria</sup> with an eruption  
or efflorescence on the skin - with inflam-  
mations - <sup>th</sup> Colera - <sup>medical</sup> with topical pains as  
head - ear - teeth & back - hip - eyes, and with  
For the history of intermissions see Dr.  
a purgative puking of Bill. God guard.  
Allen. +

Cure.

However simple the treatment of this  
disease now - was once incurable. James  
& Oliver Cromwell died with it. It is still  
fatal in Holland owing to <sup>the</sup> prejudice ag<sup>t</sup>.  
Bentley. The cure divides itself into two  
parts. I To prevent the fit. II This part  
divides into 2 parts, just before the fit & in its interval.  
I To moderate, or conduct the  
<sup>III</sup> paroxysm to a favourable issue.  
I To moderate, or conduct the paroxysm  
by degrees. For this purpose we must lay  
down the marks of it: 1 Its occurring  
in the winter month while other  
intermittents prevail. 2 The duration of  
the cold fit. 3 Discharge of Bill. 4 Its

V treatise upon the Diseases of St  
Lucia commends it in high terms.  
I have ~~constantly~~<sup>often</sup> used it  
~~Liquid form~~ in the moderate state of  
the fever, & I think with great advantage.  
It composeth the vomiting - lessens  
pain, and disposeth to sweat. Some  
Physicians give Bark in the fit of  
the fever. I can easily conceive of a  
state of intermission<sup>in op.</sup> from typhus, as  
to render the Bark both safe and  
useful in the paroxysm, but I have  
always found Ll. sufficient to answer  
all the ends of Convalescence: — here  
the action is <sup>so</sup> weak, that Opium  
predominates over it. In the malign.  
state of Intermittent fever Opium cures  
of disease — may more — induces death. #

time of

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attacking ~~in the morning~~ <sup>#</sup>. Patients in  
the paroxysm are objects of medicine. It  
sometimes proves fatal. ~~Do~~ Some say  
in the cold fit - But Daldie says - not  
I believe him, <sup>for</sup> the cold fit <sup>is</sup> the first sym-  
ptom of action <sup>in the system.</sup> & of inclemency, or  
<sup>sometimes</sup> ~~ability~~ <sup>ability</sup> ~~hurting~~ like lightning or poison

by sudden destruction of excitement <sup>①</sup> It  
is further of consequence to moderate the  
fit - to ease pain - to prevent visceral  
obstructions - & to preserve the strength of  
the system. In every fit there is <sup>more or less</sup> with  
great apparent action great <sup>ability</sup> in  
~~the stomach to induce~~ vomiting. strong  
remedies for it are <sup>1</sup> the stimulus of  
heat - best promoted by warm bed,  
& warm drinks - punch <sup>is</sup> the most  
agreeable. 2 opium. Dr Rollock ~~say~~ <sup>has</sup>  
~~over his experience~~ in his V

+ in former years, & of late I have  
depended chiefly upon it instead of  
the Bark. — It was first used by  
D'Urfé.

The remedies for this purpose are 12h:  
2 Hot Bath 3 Cold Bath. 4 Wine and Ale.  
4sp. 5 Vinegar & Pepper. 6 Sulphur &c.  
7 Nutmegs. 8 Tobacco - 9 Stramonium  
tied to the Ankles. 10 a side on horseback  
<sup>was wine</sup>  
sweating before a fire. ~~11~~ <sup>12</sup> ~~13~~ <sup>14</sup> ~~15~~ <sup>16</sup> ~~17~~ <sup>18</sup> ~~19~~ <sup>20</sup> ~~21~~ <sup>22</sup> ~~23~~ <sup>24</sup> ~~25~~ <sup>26</sup> ~~27~~ <sup>28</sup> ~~29~~ <sup>30</sup> ~~31~~ <sup>32</sup> ~~33~~ <sup>34</sup> ~~35~~ <sup>36</sup> ~~37~~ <sup>38</sup> ~~39~~ <sup>40</sup> ~~41~~ <sup>42</sup> ~~43~~ <sup>44</sup> ~~45~~ <sup>46</sup> ~~47~~ <sup>48</sup> ~~49~~ <sup>50</sup> ~~51~~ <sup>52</sup> ~~53~~ <sup>54</sup> ~~55~~ <sup>56</sup> ~~57~~ <sup>58</sup> ~~59~~ <sup>60</sup> ~~61~~ <sup>62</sup> ~~63~~ <sup>64</sup> ~~65~~ <sup>66</sup> ~~67~~ <sup>68</sup> ~~69~~ <sup>70</sup> ~~71~~ <sup>72</sup> ~~73~~ <sup>74</sup> ~~75~~ <sup>76</sup> ~~77~~ <sup>78</sup> ~~79~~ <sup>80</sup> ~~81~~ <sup>82</sup> ~~83~~ <sup>84</sup> ~~85~~ <sup>86</sup> ~~87~~ <sup>88</sup> ~~89~~ <sup>90</sup> ~~91~~ <sup>92</sup> ~~93~~ <sup>94</sup> ~~95~~ <sup>96</sup> ~~97~~ <sup>98</sup> ~~99~~ <sup>100</sup> ~~101~~ <sup>102</sup> ~~103~~ 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To prevent the return of the fit; just before its Attack. This may be done by a great variety of medicines - all of which act by obviating that debility, which is always greatest just before the Attack of the fit. They are palliative or temporary - & radical. The first are opium & Ossium. 30 or 60 drops of the former given ~~as~~ <sup>repeatedly</sup> ~~an hour~~ <sup>from 5 to 10 at a dose</sup> before the fit commences fails of strangling the fit. I have tried it with success. 2 Aromaticks of various kind - particularly putneys. 3 tinctures consisting of bitters & astringents such as willow

Century & camomile - Dogwood - Camomile - Poplar - Gentian - Oak bark or galls alum also ~~mineral~~ It acts as Spider web, or juice. - a stimulant.

5 sweating before the fire, & drinking at the same time some hot spirituous liquors: 6 Riding on horseback. It took Mr. Richards' case. 8 cold Bath slighting. All those generally curing a single fit.

V Recommended in this way by  
Dr Lister & now by Cullen & Latry  
by Dr Trotter - opposed only by Home

V ~~Dr~~ Home denies this, & recommends it  
burned after a fit. He says just before  
a fit - it increases it - & prevents or  
mitigates the succeeding fit. Both ways  
best - I give it during the whole inter-  
mission. Home doubtful! visual Obstruc-  
tions not to be regarded. Balfour J

Many of these remedies effect uniformly & certainly  
They do not eradicate it from the system.  
Many of them were known & used while

interventions were impossible. We must  
therefore have recourse to Bark. This is  
It is composed of bitter tasting qualities.  
a sovereign remedy in this disease. Dr.  
was

~~Brown the first man in Britain who  
has denied its efficacy. Never saw an  
intermittent, nor perhaps the effects of  
a dose of C.P. in any disease in his life.  
A man might as well attempt to  
learn to swim by hearing lectures on  
that art without going into the water as  
attempt to be a physician without a  
familiarity with diseases. To obtain the  
greatest advantage from C.P. it shd.  
be given in large doses when the debility  
is greatest. It just before the attack  
In substance  $\frac{1}{3}$  mixed w<sup>th</sup> all. if it pur-  
ges, h<sup>th</sup> Rhubarb: if it occasions con-  
stipation. - 5 after the disease is cured~~

+ And before full & change of  
the moon. It should be taken in milk-  
wine - or porters. But as it sometimes obiects to

~~it~~ <sup>as</sup> it is difficult to give it to Children. Therefore  
therefore be applied in wafercats, ~~or~~  
~~bath~~ or glysters.  
The extremitie of the uterus, or  
surface of the body very sensible in Children.

D in the form of a powder - Other modes of  
giving it have been proposed. a Dr. Martin highly  
recommends drinking the following beer.  $\frac{1}{3}$  Bush H:  
brown Sugar Hg - water as much as will  
be sufficient to cover it, & thus to induce a firm-  
ness in it. (Arch.) in any agreeable vehicle ab feb.  
Yr: - It may be taken in an extract <sup>in pills or</sup> mixed  
with water & a little spirit <sup>#</sup>. But it is <sup>most</sup>  
not fit after often worn <sup>but good for</sup> - best preserved  
effectual in powder. In contemplating the  
use & <sup>use</sup> general & invaluable benefits of this noble  
remedy. we are struck with 5 things in its his-  
tory, 1 It was discovered by an Indian. 2 It was  
introduced into medicine by a priest. <sup>3 It was</sup> ~~and~~ destroyed

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some preventing doses should be given.

especially near the usual time of its  
recurrence, & never ~~for~~ <sup>the</sup> ~~Red bark but~~  
~~does not produce visual obstructions.~~ <sup>Red Bark</sup> ~~Red Bark but~~  
~~But there are cases where it fails~~

~~fails - what then?~~ Wine - highly com-  
- mended by Dr Blane. - But if this  
fails - what then? <sup>3d</sup> ~~Blisters~~ <sup>are</sup> ~~are~~  
fail. But if they do cure - what then?

~~is the materia medica exhausted?~~ No -  
4. Bleeding. This has never deceived me,  
if used in winter, <sup>If</sup> preparations where lots of  
bark have been given to no purpose. It  
succeeds in quitters as well as tertians.

Now shd we reconcile this remedy <sup>to</sup> our theory  
of fevers? - perfectly well. Our definition  
includes inflammation of excreta & deficit of action.

There is excess in one part - deficit in  
another of the body. The excess is in the  
viperous - hence the intermissions which

scooted out of practice by regular bred physicians,  
~~restored~~<sup>It is used</sup> restored to use by a Quack of the name of  
Tabor, ~~first~~<sup>now</sup> it is still unpopular in France,  
& more so in Holland, where from the ~~neglect~~<sup>are</sup>  
prejudices against Intermittents still attend  
with fatal disease.

V a case of its effects related by Dr Monroe  
in 2<sup>nd</sup> vol. of med. Transactions.

require VS. are generally accompanied by  
pains in the sides - breast - or bowels - hence they  
seldom occur till after Lentas, or in the spring.  
That this is the case, I infer from the obstructions  
~~in~~ those parts of the body which follow inter-  
mittents. They are probably at first attenu-  
ated with inflammation might have been caused  
by VS. - certain it is - as such obstructions  
are to be found where VS. has been used.

The blood in these cases is always dry. I  
have sometimes found two bleedings necessary.  
Should <sup>Bleeding</sup> Blister fail - is there any or should it  
not be indicated by the season of the year, and  
the congestions above mentioned, is there  
any other remedy? - yes - i.e

5 mercury - ~~as~~ The late Dr Bond was very  
fond of it. I have used it <sup>th</sup>leep. It opens  
obstructions, & gives tone to the arterial  
system. Should be followed by ~~and~~ generous  
dirt. -

Is there any difference to be observed  
between the use of Verbal & External  
Intemittents? no other than opening a  
vain in some cases in the former, and  
giving purging more liberally. As to the idea  
of their being healthy <sup>in the spring</sup> I discount it. It comes  
from theory which often misleads even Dr  
Sydenham himself. The story of King  
James the I:

are not yet exhausted. If & fails  
Change of Air. Highly recommended  
 by D'Hydenham. Used with success by Dr:  
 Montgomery, not always successful. But  
 had an ~~systematic~~ <sup>16 years</sup> cure during his  
 travels. - I have said nothing of Vomits in the  
 Intermittent fever. Introduced by theory when  
 Intermittents were supposed to depend on  
 bile. But they are in most cases unnecessary.  
 They increase debility. If Bile abounds it  
 may be removed by purges. The ~~efficiency~~  
~~the efficacy~~ of Bark not increased by  
 them. Should never be used - except in  
 2 cases. i Before the disease is formed,  
 2 where great exanema, or tendency to  
 perpetual fever appears. & v

v I said that <sup>certain</sup> diseases and  
~~accident~~ pains (generally periodical) <sup>under</sup> which  
 the Intermittents conceal themselves.

2<sup>o</sup> X the coma & apoplexy are the most alarming. I suspect patients who die of the paroxysm of Intermittents die of Apoplexy. I have seen it too both coma & apoplexy frequently. I once saw the apoplexy assume the tertian type [in Mr. Elchart] they both yield to Blistering to the neck and afterward bark.

3 Convulsions. Most frequent in children. One of my children had them till he was 2 years old. cured by Land. & Bark. -

4 Inflamm' Congistions by Dr. St:

5 ♀ Cholera. This often occurs. Is described by Senac. I have seen it twice fatal in even advanced infir. [Jos: Redman & Buchanan] in 1780. Perhaps where Cholera does not yield to Dr. it is derived from Intermittents. Dr. Gaymar's fact of quotidian Vomiting.

"fevers <sup>162</sup> intermitantes."

D<sup>r</sup>. Sinas calls them "the former larvata!"  
The history of parts  
of the head & neck in the Eastern parts of  
Scotland related by D<sup>r</sup>. Cullen. This pain  
is often the farewell symptom of the winter,  
mitting fever - and often attends without  
it. To be cured by Blister & Bark when  
it intermits. & perhaps by Extraction of tooth  
when the disease conceals itself under

7. Pains of the jaw - ears - eyes - lips -  
or back - It <sup>should</sup> be treated by Blister & bark;  
8. Efflorescences - no particular treatment.  
9. Nystalopia - <sup>we call the case one general malady.</sup> probably Intermittent & Bark has cur'd it.  
I spoke of monarchical diseases no one  
less so extensive an empire as Intermittent,  
- no complaint can <sup>while they prevail</sup> show itself without  
doing homage to Dylan. ~~so I have known~~  
them blind themselves with the principal  
fever itself. Let the knowledge of this fact lead  
~~them~~ to suspect their presence more frequently in  
other diseases, & to treat them accordingly. -

The diseases which follow the Intermittent fevers  
 are Drosy - Jaundie - Obstruction of the Liver  
 Spleen - Brontes - Convulsions & Paroxysms.  
 The last are known  
 - Known by the names of Spleen & Jaundie.

Less frequent since the use of Bark. Highly  
 improper to ascribe them to it. To remove  
 these Obstructions Dr Bourneau gave  
 pills of Ergot & Tartarantine. Calomel <sup>is</sup>  
 to be preferred to them in small doses.  
~~I shall speak of them hereafter.~~ The Swelling of  
 the <sup>legs</sup> ~~liver~~ a good sign Dr Lydenham says  
 in Adults - & of legs & belly in Children. an  
~~acute~~ <sup>chronic</sup> Disease changed for a chronic.  
 Restorative proper. Dr Lydenham speaks of inflam<sup>n</sup> of tonsils  
~~affection~~ <sup>says it</sup> Properly improper after the cure is com-  
 pleted. Produces relapses. - Dr Kirsham used  
 the cold Bath with advantage as a tonic &  
 restorative.

~~Shall we employ Intermittents  
 to cure mania - Epilepsy &c? - no -  
 I shall only add to our account of this~~

~~Three ~~two~~ facts. The first was  
disease a ~~curious~~ fact communicated  
to me by Dr. Claypoole. It is  
known the intermitting fever & a mild  
Yarrow heat alternate with each other  
in North Carolina - the fact is important,  
& I shall make use of it upon another  
subject hereafter.~~

- 2 Dr Clark of New Castle has lately con-  
firmed the opinion of Dr Lefferson that  
the intermitting ~~is~~ <sup>the</sup> not generally, yet  
certainly a contagious disease.  
~~certainly so says Trotter in Typhus.~~
- 3 Dr Irvine (the discoverer of the art of making  
fresh water out of salt) says that a mania  
often accinced the intermission of intermission  
on the Spanish Main in 1780 without  
any fever. To every fall related by  
Vansuyter.

